

5/2/20

1. ~~A method to program a printer comprising steps of:  
initiating a save conflict mode; and  
saving a user defined conflict by one of storing print job attributes in a conflict list while in the save conflict mode and storing conflict attributes based on the print job attributes while in the save conflict mode, the conflict attributes including at least one of a policy, a capability and a constraint.~~
2. The method of claim 1, wherein the step of storing print job attributes includes saving at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.
3. The method of claim 1, wherein the step of initiating a save conflict mode includes:  
receiving from a user at least one print job attribute that causes a conflict; and  
recognizing a user initiated save conflict mode command.
4. The method of claim 3, wherein the step of initiating a save conflict mode further includes verifying that the user is an authorized user.
5. A method to use a printer that has been programmed according to the method of claim 1, the method comprising steps of:  
receiving from a user at least one job attribute that causes a conflict; and  
checking the at least one received job attribute against the stored print job attributes.
6. The method of claim 5, further comprising steps of:  
determining whether a conflict condition exists; and

**to exist.**

7. The method of claim 6, further comprising steps of:  
initiating a delete conflict mode; and  
deleting the stored print job attributes from the conflict list.
8. The method of claim 7, wherein the step of initiating a delete conflict mode includes recognizing a user initiated delete conflict mode command.
9. The method of claim 8, wherein the step of initiating a delete conflict mode further includes verifying that the user is an authorized user.
10. The method of claim 1, wherein the step of storing conflict attributes includes formulating the conflict attributes based on at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.
11. The method of claim 10, wherein the step of storing conflict attributes includes reinitializing a scheduler after storing the conflict attributes.
12. A method to use a printer that has been programmed according to the method of claim 1, the method comprising steps of:  
receiving from a user at least one job attribute that causes a conflict; and  
checking for an itinerary to process a sheet according to the at least one received job attribute.
13. The method of claim 12, further comprising steps of:  
determining whether an itinerary is unavailable due to a conflict condition; and

~~displaying a conflict message when the itinerary is unavailable due to a~~  
conflict condition.

14. The method of claim 13, further comprising steps of:  
initiating a delete conflict mode; and  
deleting the stored conflict attributes.

15. The method of claim 14, wherein the step of initiating a delete conflict mode includes recognizing a user initiated delete conflict mode command.

16. The method of claim 15, wherein the step of initiating a delete conflict mode further includes verifying that the user is an authorized user.

17. The method of claim 14, wherein the step of deleting the stored conflict attributes includes reinitializing a scheduler after deleting the stored conflict attributes.

18. A printer comprising a processor and a plurality of modules to control the processor, wherein the modules include:  
a module to initiate a save conflict mode; and  
one of a module to store print job attributes in a conflict list while in the save conflict mode and a module to store conflict attributes based on the print job attributes while in the save conflict mode, the conflict attributes including at least one of a policy, a capability and a constraint.

19. The printer of claim 18, wherein the module to store print job attributes includes logic to save at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a feed medium select parameter.

20. The printer of claim 18, wherein the module to initiate a save conflict mode includes:

~~logic to receive from a user at least one print job attribute that causes a~~  
conflict; and

logic to recognize a user initiated save conflict mode command.

21. The printer of claim 20, wherein the module to initiate a save conflict mode further includes logic to verify that the user is an authorized user.

22. The printer of claim 18, further comprising:

a module to receive from a user at least one job attribute that causes a conflict; and

a module to check the at least one received job attribute against the stored print job attributes, the modules to initiate and store being operated before the module to receive.

23. The printer of claim 22, further comprising:

a module to determine whether a conflict condition exists; and

a module to display a conflict message when the conflict condition is determined to exist.

24. The printer of claim 23, further comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored print job attributes from the conflict list.

25. The printer of claim 24, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

26. The printer of claim 25, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

27. The printer of claim 18, wherein the module to store conflict attributes includes logic to formulate the conflict attributes based on at least one of an

~~enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.~~

28. The printer of claim 27, wherein the module to store conflict attributes includes logic to reinitialize a scheduler after storing the conflict attributes.

29. The printer of claim 18, further comprising:  
a module to receive from a user at least one job attribute that causes a conflict; and  
a module to check for an itinerary to process a sheet according to the at least one received job attribute.

30. The printer of claim 29, further comprising:  
a module to determine whether an itinerary is unavailable due to a conflict condition; and  
a module to display a conflict message when the itinerary is unavailable due to a conflict condition.

31. The printer of claim 30, further comprising:  
a module to initiate a delete conflict mode; and  
a module to delete the stored conflict attributes.

32. The printer of claim 31, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

33. The printer of claim 32, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

34. The printer of claim 31, wherein the module to delete the stored conflict attributes includes logic to reinitialize a scheduler after deleting the stored conflict attributes.

~~35. A computer-readable media to control a processor of a printer, the media comprising a plurality of modules to control the processor, wherein the modules include:~~

~~a module to initiate a save conflict mode; and~~

~~one of a module to store print job attributes in a conflict list while in the save conflict mode and a module to store conflict attributes based on the print job attributes while in the save conflict mode, the conflict attributes including at least one of a policy, a capability and a constraint.~~

36. The media of claim 35, wherein the module to store print job attributes includes logic to save at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

37. The media of claim 35, wherein the module to initiate a save conflict mode includes:

logic to receive from a user at least one print job attribute that causes a conflict; and

logic to recognize a user initiated save conflict mode command.

38. The media of claim 37, wherein the module to initiate a save conflict mode further includes logic to verify that the user is an authorized user.

39. The media of claim 35, further comprising:

a module to receive from a user at least one job attribute that causes a conflict; and

a module to check the at least one received job attribute against the stored print job attributes, the modules to initiate and store being operated before the module to receive.

40. The media of claim 39, further comprising:

~~a module to determine whether a conflict condition exists; and~~  
 a module to display a conflict message when the conflict condition is determined to exist.

41. The media of claim 40, further comprising:  
 a module to initiate a delete conflict mode; and  
 a module to delete the stored print job attributes from the conflict list.

42. The media of claim 41, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

43. The media of claim 42, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

44. The media of claim 35, wherein the module to store conflict attributes includes logic to formulate the conflict attributes based on at least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a binding parameter, and a fed medium select parameter.

45. The media of claim 44, wherein the module to store conflict attributes includes logic to reinitialize a scheduler after storing the conflict attributes.

46. The media of claim 35, further comprising:  
 a module to receive from a user at least one job attribute that causes a conflict; and  
 a module to check for an itinerary to process a sheet according to the at least one received job attribute.

47. The media of claim 46, further comprising:  
 a module to determine whether an itinerary is unavailable due to a conflict condition; and

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~~a module to display a conflict message when the itinerary is unavailable~~  
due to a conflict condition.

48. The media of claim 47, further comprising:  
a module to initiate a delete conflict mode; and  
a module to delete the stored conflict attributes.

49. The media of claim 48, wherein the module to initiate a delete conflict mode includes logic to recognize a user initiated delete conflict mode command.

50. The media of claim 49, wherein the module to initiate a delete conflict mode further includes logic to verify that the user is an authorized user.

51. The media of claim 48, wherein the module to delete the stored conflict attributes includes logic to reinitialize a scheduler after deleting the stored conflict attributes.